| | Hits | Search Text | DBs |
|---|------|--|--------------------|
| 1 | 8028 | ((345/30,50,55,87-89,92,98 -100) or (315/169.1,169.3,169.4) or (361/278,283.1) or (257/444) or (340/525/438/75) or (348/249,294-324,332) or (356/478)).CCLS. | |
| 2 | 221 | (((345/30,50,55,87-89,92,98-100) or (315/169.1,169.3,169.4) or (361/278,283.1) or (257/444) or (340/525/438/75) or (348/249,294-324,332) or (356/478)).CCLS.) and (activ\$2 adj2 matrix adj2 device) | · |
| 3 | 50 | | USPAT; US-PGPUB |
| 4 | 9152 | ((345/1,9,30,50,55,67,87-8 9,90-93,98-100,147,149,197 ,204,208,694,696) or (315/169.1,169.3,169.4) or (361/278,283.1) or (257/444) or (340/525/438/75) or (348/249,294-324,332) or (356/478) or (745/98,100)).CCLS. | |

| | Hits | Search Text | DBs |
|----|-------|---|----------------------------------|
| 5 | 9152 | (() | |
| 6 | 57 | : (340/343/436//3/ O1 | |
| 7 | 857 | ((DAC D/A (digital adj5 analog adj2 convert\$5)) same substrat\$2) | USPAT; US-PGPUB |
| 8 | 122 | ((DAC D/A (digital adj5 analog adj2 convert\$5)) with substrat\$2) | EPO; JPO; DERWENT; IBM_TDB |
| 9 | 398 | ((DAC D/A (digital adj5 analog adj2 convert\$5)) with substrat\$2) | USPAT; US-PGPUB |
| 10 | 10721 | ((345/1,9,30,50,55,67,87-8 9,90-93,98-100,147,149,197 ,204,208,694,696) or (315/169.1,169.3,169.4) or (361/278,283.1) or (257/444) or (340/525/438/75) or (348/249,294-324,332) or (356/478) or (745/98,100) or (341/100-101,141,144)).CCL S. | USPAT; US-PGPUB |

| | Hits | Search Text | DBs |
|----|------|---|--------------------|
| 11 | 108 | (Jau/2aj,2ja Jaa,JJa) Or | USPAT; US-PGPUB |
| 12 | 5 | ((((345/1,9,30,50,55,67,87-89,90-93,98-100,147,149,197,204,208,694,696) or (315/169.1,169.3,169.4) or (361/278,283.1) or (257/444) or (340/525/438/75) or (348/249,294-324,332) or (356/478) or (745/98,100) or (341/100-101,141,144)).CCLS.) and ((DAC D/A (digital adj5 analog adj2 convert\$5)) same substrat\$2)) and (sens\$2 with element\$3) | USPAT; US-PGPUB |

| | Hits | Search Text | DBs |
|----|------|---|--------------------|
| 13 | 4 | :/>=//4=0\ /=4=/00 400\ : | USPAT; US-PGPUB |
| 14 | 1 | :\J4U/J4J/4JU//J/ U1 | USPAT; US-PGPUB |
| 15 | 1072 | 1 () 4 () () 2 () 4 () () () () () | USPAT; US-PGPUB |

| | Hits | Search Text | DBs |
|----|------|---|--------------------|
| 16 | 12 | (((((345/1,9,30,50,55,67,87-89,90-93,98-100,147,149,197,204,208,694,696) or (315/169.1,169.3,169.4) or (361/278,283.1) or (257/444) or (340/525/438/75) or (348/249,294-324,332) or (356/478) or (745/98,100) or (341/100-101,141,144)).CCLS.) and (sens\$2 with element\$3)) and (active adj2 matrix adj2 device)) not ((((345/1,9,30,50,55,67,87-89,90-93,98-100,147,149,197,204,208,694,696) or (315/169.1,169.3,169.4) or (361/278,283.1) or (257/444) or (340/525/438/75) or (348/249,294-324,332) or (356/478) or (745/98,100) or (341/100-101,141,144)).CCLS.) and (sens\$2 with amplifie\$3)) and (active adj2 matrix adj2 device)) | USPAT; US-PGPUB |
| 17 | 14 | (240/040 004 204 220) | USPAT; US-PGPUB |

| | Hits | Search Text | DBs |
|----|-------|--|--------------------|
| 18 | 6 | ((((345/1,9,30,50,55,67,87-89,90-93,98-100,147,149,197,204,208,694,696) or (315/169.1,169.3,169.4) or (361/278,283.1) or (257/444) or (340/525/438/75) or (348/249,294-324,332) or (356/478) or (745/98,100) or (341/100-101,141,144)).CCLS.) and (sens\$2 with amplifie\$3)) and (active adj2 matrix adj2 device) | USPAT; US-PGPUB |
| 19 | 0 | (senso\$4 with (amplifie\$4 elemen\$2)) and (active adj2 matrix adj2 device) and (DAC D/A (digital adj5 analog adj2 convert\$5)) | |
| 20 | 7 | (senso\$4 with (amplifie\$4 elemen\$2)) and (active adj2 matrix adj2 device) and (DAC D/A (digital adj5 analog adj2 convert\$5)) | USPAT; US-PGPUB |
| 21 | 10062 | | USPAT; US-PGPUB |
| 22 | 0 | (((DAC D/A (digital adj5 analog adj2 convert\$5) (signal adj process\$5) latch\$5) same substrat\$2)) and (group near5 adrress near5 first near5 last) | USPAT; US-PGPUB |
| 23 | 0 | (((DAC D/A (digital adj5 analog adj2 convert\$5) (signal adj process\$5) latch\$5) same substrat\$2)) and (group with (adrress near5 first near5 last)) | USPAT; US-PGPUB |

| | Hits | Search Text | DBs |
|----|------|--|--------------------|
| 24 | 0 | (((DAC D/A (digital adj5 analog adj2 convert\$5) (signal adj process\$5) latch\$5) same substrat\$2)) and (group with (adrress with (first and last))) | USPAT; US-PGPUB |
| 25 | 503 | | USPAT; US-PGPUB |
| 26 | 18 | ((DAC D/A (digital adj5 analog adj2 convert\$5) (signal adj process\$5) latch\$5)) and (((first last) near10 bus adj line) with ((first last) near10 signal adj line)) | USPAT; US-PGPUB |
| 27 | 5 | ((DAC D/A (digital adj5 analog adj2 convert\$5) (signal adj process\$5))) and (((first last) near10 bus adj line) with ((first last) near10 signal adj line)) | |
| 28 | 15 | ((DAC D/A (digital adj5 analog adj2 convert\$5) (signal adj process\$5) latch)) and (((first last) near10 bus adj line) with ((first last) near10 signal adj line)) | USPAT |
| 29 | 4 | ((DAC D/A (digital adj5 analog adj2 convert\$5) (signal adj process\$5) latch)) and (((first last) near4 bus adj line) with ((first last) near4 signal adj line)) | |

| | Hits | Search Text | DBs |
|----|------|--|--------------------|
| 30 | 22 | ((DAC D/A (digital adj5 analog adj2 convert\$5) ((first last) near10 signal adj process\$5) latch\$5)) and (((first last) near10 bus adj line) with (signal adj line)) | USPAT; US-PGPUB |
| 31 | 11 | (((DAC D/A (digital adj5 analog adj2 convert\$5) (signal adj process\$5) latch\$5)) with substrate) and ((bus adj line) with (signal adj line)) | USPAT; US-PGPUB |
| 32 | О | 6507332.URPN. | USPAT |
| 33 | 11 | ("4716403" "4779086" "4870399" "4890101" "5192945" "5376944" "5610414" "5654735" "5889504" "5973661" "6025835").PN. | USPAT |
| 34 | 1 | (((DAC D/A (digital adj5 analog adj2 convert\$5) (signal adj process\$5) latch\$5)) with substrate) and ((bus adj line) with ((first last) near10 signal adj line)) | USPAT; US-PGPUB |
| 35 | 0 | Hatchsoff Same Substitute. | USPAT; US-PGPUB |
| 36 | О | (LCD same substrat\$2) and (group with (adrress near5 first near5 last)) | USPAT; US-PGPUB |
| 37 | 0 | (LCD and substrat\$2) and (group with (adrress near5 first near5 last)) | USPAT |

| | Hits | Search Text | DBs |
|----|------|---|-------|
| 38 | 1 | ((DAC D/A (digital adj5 analog adj2 convert\$5) (signal adj process\$5))) and (((first last) near10 bus adj line) with ((first last) near10 signal adj line)) | |
| 39 | 6591 | (DAC D/A) and ((set group) near5 (signal column)) and multiplex\$4 | I |
| 40 | 1 | LCD and (DAC D/A) and ((set group) near5 (signal column)) and (multiplex\$4 near7 substrate) | USPAT |
| 41 | 1 | LCD and (DAC D/A) and ((set group) with (signal column address)) and (multiplex\$4 near7 substrate) | USPAT |
| 42 | 6 | LCD and (DAC D/A) and ((set group) with (signal column address)) and (multiplex\$4 with substrate) | USPAT |
| 43 | 56 | LCD and ((set group) with (signal column address)) and (multiplex\$4 with substrate) | USPAT |
| 44 | 0 | 6452580.URPN. | USPAT |
| 45 | 6 | ("4714921" "4890101" "5021774" "5130829" "5598177" "5641974").PN. | USPAT |
| 46 | 1 | 6281891.URPN. | USPAT |
| 47 | 14 | ("4766426" "4859998" "4922240" "5162786" "5170158" "5305130" "5341233" "5402149" "5402255" "5491347" "5510807" "5517208" "5532718" "5557534").PN. | USPAT |

| | Hits | Search Text | DBs |
|----|------|--|-------|
| 48 | 63 | LCD and ((set group) with (data signal column address)) and (multiplex\$4 with substrate) | USPAT |
| 49 | 7 | (LCD and ((set group) with (data signal column address)) and (multiplex\$4 with substrate)) not (LCD and ((set group) with (signal column address)) and (multiplex\$4 with substrate)) | |
| 50 | 63 | LCD and ((set group) with (data signal column address drain)) and (multiplex\$4 with substrate) | USPAT |
| 51 | 6 | LCD and ((set group) with (data signal column address drain)) and (multiplex\$4 with substrate) and ((first last) near4 signal adj line) | USPAT |
| 52 | 18 | 5510807.URPN. | USPAT |
| 53 | 28 | LCD and ((set group) with (data signal column address drain)) and (multiplex\$4 with substrate) and ((first last) near6 line) | USPAT |

| | Hits | Search Text | DBs |
|----|------|--|-------|
| 54 | | (LCD and ((set group) with (data signal column address drain)) and (multiplex\$4 with substrate) and ((first last) near6 line)) not (LCD and ((set group) with (data signal column address drain)) and (multiplex\$4 with substrate) and ((first last) near4 signal adj line)) | |
| 55 | 0 | 6452580.URPN. | USPAT |
| 56 | 1 | 6281891.URPN. | USPAT |
| 57 | 14 | ("4766426" "4859998" "4922240" "5162786" "5170158" "5305130" "5341233" "5402149" "5402255" "5491347" "5510807" "5517208" "5532718" "5557534").PN. | USPAT |
| 58 | 29 | 5426447.URPN. | USPAT |
| 59 | 7 | LCD and ((set group) with (data signal column address drain)) and (multiplex\$4 with substrate) and ((first and last) near6 line) | USPAT |
| 60 | 194 | LCD and ((set group) with (data signal column address drain)) and (multiplex\$4) and ((first and last) near6 line) | USPAT |
| 61 | 1 | LCD and ((set group) with (data signal column address drain)) and (multiplex\$4 near5 substrate) and ((first and last) near6 line) | USPAT |

| | Hits | Search Text | DBs |
|----|------|---|-------|
| 62 | 10 | LCD and ((set group) with (data signal column address drain)) and (multiplex\$4 same substrate) and ((first and last) near6 line) | USPAT |
| 63 | 3 | (LCD and ((set group) with (data signal column address drain)) and (multiplex\$4 same substrate) and ((first and last) near6 line)) not (LCD and ((set group) with (data signal column address drain)) and (multiplex\$4 with substrate) and ((first and last) near6 line)) | USPAT |
| 64 | О | 24890101.pn. | USPAT |
| 65 | 1 | 4890101.pn. | USPAT |
| 66 | 1 | 5641974.pn. | USPAT |
| 67 | 11 | LCD and ((set group) same (data signal column address drain)) and (multiplex\$4 same substrate) and ((first and last) near6 line) | USPAT |
| 68 | 1 | (LCD and ((set group) same (data signal column address drain)) and (multiplex\$4 same substrate) and ((first and last) near6 line)) not (LCD and ((set group) with (data signal column address drain)) and (multiplex\$4 same substrate) and ((first and last) near6 line)) | USPAT |

| | Hits | Search Text | DBs |
|----|------|---|--------------------|
| 69 | 0 | | USPAT; US-PGPUB |
| 70 | 5 | | USPAT; US-PGPUB |
| 71 | 0 | LCD and ((DAC D/A (digital adj5 analog adj2 convert\$5) ((first last) near10 signal adj process\$5) latch\$5)) adj4 (two adj2 row\$2) | USPAT |
| 72 | 6 | LCD and ((DAC D/A (digital adj5 analog adj2 convert\$5) ((first last) near10 signal adj process\$5) latch\$5)) with (two adj2 row\$2) | USPAT |
| 73 | 18 | LCD and ((DAC D/A (digital adj5 analog adj2 convert\$5) ((first last) near10 signal adj process\$5) latch\$5)) same (two adj2 row\$2) | USPAT |
| 74 | 7 | LCD and ((DAC D/A (digital adj5 analog adj2 convert\$5) (signal adj process\$5) latch\$5)) near7 (two adj2 row\$2) | USPAT |
| 75 | 59 | LCD and ((DAC D/A (digital adj5 analog adj2 convert\$5) (signal adj process\$5) latch\$5)) and brick | |